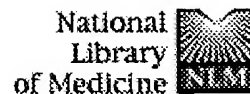


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
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
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
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
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


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


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
















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
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


















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








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
















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





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


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


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
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
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
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

















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Gen Comp Endocrinol. 1988 Jan;69(1):19-30.

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Purification, characterization, and bioassay of teleocalcin, a glycoprotein from salmon corpuscles of Stannius.

Gen Comp Endocrinol. 1986 Sep;63(3):481-91.

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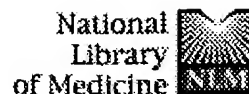
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Post-transcriptional regulation of the stanniocalcin gene by calcium.

Ellis TJ, Wagner GF.

Department of Physiology, Faculty of Medicine, University of Western Ontario, London, Canada.

Stanniocalcin (STC) is a Ca^{2+} -regulating hormone produced by the corpuscles of Stannius in bony fish. Calcium has been shown to stimulate STC synthesis at multiple levels including the level of gene expression. The purpose of this study was to determine the effects of Ca^{2+} on STC mRNA stability. The half-life of STC mRNA was measured in primary cultured trout corpuscles of Stannius cells maintained in either normal (1.2 mM) or high (1.9 mM) levels of extracellular calcium and treated with the transcriptional inhibitor alpha-amanitin. In cells maintained in 1.2 mM Ca^{2+} , STC mRNA levels decreased progressively over time with an estimated half-life of approximately 71 h. However, message levels remained unchanged for up to 4 days in cells maintained in 1.9 mM Ca^{2+} , indicating that the transcript had been stabilized in response to Ca^{2+} stimulation. Blocking transcription prior to exposing cells to high Ca^{2+} did not alter the stabilizing effects of the cation, indicating that synthesis and processing of the mRNA transcript were not involved in message stabilization. Inhibiting protein synthesis with cycloheximide also had no influence on the stabilizing effects of high calcium. The experiments involving cycloheximide further suggested that the mechanism of mRNA stabilization involved protein-nucleic acid interactions in the cytoplasm, whereby the polysomal complex protected the mRNA from degradation. These data demonstrate that the stimulatory effect of Ca^{2+} on STC gene expression is due, in part, to mRNA stabilization.

PMID: 7829534 [PubMed - indexed for MEDLINE]

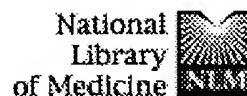
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Immunological and biological evidence for a stanniocalcin-like hormone in human kidney.

Wagner GF, Guiraudon CC, Milliken C, Copp DH.

Department of Physiology, University of Western Ontario, London, Canada.

The corpuscles of Stannius are responsible for the synthesis and secretion of stanniocalcin (STC), a glycoprotein hormone that regulates calcium and phosphate homeostasis in fishes through its actions on the gills and kidneys. The corpuscles of Stannius and STC are considered to be an endocrine system that is unique to fishes. In this report, we provide evidence for the existence of STC-like proteins in vertebrates other than fishes, in particular, humans. By using a well-characterized RIA for salmon STC, sera from vertebrates as diverse as sharks and humans contained measurable levels of STC-like immunoreactivity in the concentration range commonly observed in fishes, and all of these sera exhibited parallelism in the assay. By using Western blot analysis, proteins were also identified in human kidney extracts that shared several properties with the fish hormone in addition to their cross-reactivity with salmon STC antiserum. The same antiserum was used to identify a discrete population of cells in human kidney tubules that could be the source of serum immunoreactivity. Human kidney extracts containing the STC-immunoreactive proteins also had STC-related effects when injected into fishes. Collectively, the data suggest that STC may be more widespread among the vertebrates than is currently accepted.

PMID: 7892193 [PubMed - indexed for MEDLINE]

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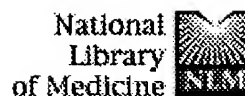
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Human stanniocalcin: a possible hormonal regulator of mineral metabolism.

Olsen HS, Cepeda MA, Zhang QQ, Rosen CA, Vozzolo BL.

Human Genome Sciences, Rockville, MD 20850-3338, USA.

We have isolated a human cDNA clone encoding the mammalian homolog of stanniocalcin (STC), a calcium- and phosphate-regulating hormone that was first described in fishes where it functions in preventing hypercalcemia. STC has a unique amino acid sequence and, until now, has remained one of the few polypeptide hormones never described in higher vertebrates. Human STC (hSTC) was found to be 247 amino acids long and to share 73% amino acid sequence similarity with fish STC. Polyclonal antibodies to recombinant hSTC localized to a distinct cell type in the nephron tubule, suggesting kidney as a possible site of synthesis. Recombinant hSTC inhibited the gill transport of calcium when administered to fish and stimulated renal phosphate reabsorption in the rat. The evidence suggests that mammalian STC, like its piscine counterpart, is a regulator of mineral homeostasis.

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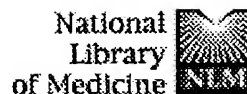
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Human stanniocalcin inhibits renal phosphate excretion in the rat.

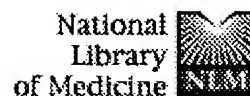
Wagner GF, Vozzolo BL, Jaworski E, Haddad M, Kline RL, Olsen HS, Rosen CA, Davidson MB, Renfro JL.

Department of Physiology, Faculty of Medicine, University of Western Ontario, London, Canada.

Stanniocalcin (STC) is a glycoprotein hormone first identified in bony fishes where it counteracts hypercalcemia by inhibiting gill calcium uptake and stimulating renal inorganic phosphate (Pi) reabsorption. Human STC (hSTC) has recently been cloned and sequenced and is highly homologous to the fish hormone at the amino acid level. The objective of this study was to examine the possible effects of hSTC on electrolyte homeostasis and renal function in the rat. Recombinant hSTC was expressed in bacteria and purified by metal-ion affinity chromatography and reverse-phase high performance liquid chromatography. Anesthetized animals were given bolus infusions of 1, 5, or 10 nmol hSTC per kilogram of body weight. Control animals received solvent alone. The most effective dosage was 5 nmol/kg, which caused significant reductions in both absolute and fractional phosphate excretion in comparison with control rats. The hSTC had no effect on the renal excretion of other ions, the glomerular filtration rate, renal blood flow, blood pressure, or plasma electrolytes (Na⁺, K⁺, Ca²⁺, Pi, Mg²⁺). The maximum effect of hSTC on phosphate excretion was observed 60-80 minutes postinjection. Lesser effects were obtained with higher and lower dosages of hormone. When renal cortical brush-border membrane vesicles were isolated from control and hormone-treated animals 80 minutes postinjection, the rate of Na⁺/Pi cotransport was found to be 40% higher in vesicles from hormone-treated animals ($p < 0.01$; 5 nmol hSTC/kg). Together, the renal clearance and membrane vesicle data indicate that hSTC participates in the renal regulation of Pi homeostasis in mammals.

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Stanniocalcin: a novel protein regulating calcium and phosphate transport across mammalian intestine.

Madsen KL, Tavernini MM, Yachimec C, Mendrick DL, Alfonso PJ, Buergin M, Olsen HS, Antonaccio MJ, Thomson AB, Fedorak RN.

Division of Gastroenterology, University of Alberta, Edmonton, Canada.

Stanniocalcin (STC) is an anti-hypercalcemic glycoprotein hormone previously identified in the corpuscles of Stannius in bony fish and recently in the human genome. This study undertook to express human STC in Chinese hamster ovary (CHO) cells and to determine its effects on calcium and phosphate absorption in swine and rat intestine. Unidirectional mucosal-to-serosal ($J_{m \rightarrow s}$) and serosal-to-mucosal ($J_{s \rightarrow m}$) ^{45}Ca and ^{32}P fluxes were measured in vitro in duodenal tissue in voltage-clamped Ussing chambers. Addition of STC (10-100 ng/ml) to the serosal surface of the duodenum resulted in a simultaneous increase in calcium $J_{m \rightarrow s}$ and $J_{s \rightarrow m}$ fluxes, with a subsequent reduction in net calcium absorption. This was coupled with an STC-stimulated increase in phosphate absorption. Intestinal conductance was increased at the highest dose of STC (100 ng/ml) in swine tissue. The addition of STC to the mucosal surface had no effect on calcium and phosphate fluxes. STC at doses of 10-1,000 ng/ml had no effect on short-circuit current in any region of the rat intestine. In conclusion, human recombinant STC decreases the absorption of calcium and stimulates the absorption of phosphate in both swine and rat duodenum. STC is a novel regulatory protein that regulates mammalian intestinal calcium and phosphate transport.

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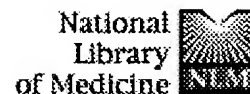
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Stanniocalcin: a novel protein regulating calcium and phosphate transport across mammalian intestine.

Madsen KL, Tavernini MM, Yachimec C, Mendrick DL, Alfonso PJ, Buergin M, Olsen HS, Antonaccio MJ, Thomson AB, Fedorak RN.

Division of Gastroenterology, University of Alberta, Edmonton, Canada.

Stanniocalcin (STC) is an anti-hypercalcemic glycoprotein hormone previously identified in the corpuscles of Stannius in bony fish and recently in the human genome. This study undertook to express human STC in Chinese hamster ovary (CHO) cells and to determine its effects on calcium and phosphate absorption in swine and rat intestine. Unidirectional mucosal-to-serosal ($J_{m \rightarrow s}$) and serosal-to-mucosal ($J_{s \rightarrow m}$) ^{45}Ca and ^{32}P fluxes were measured in vitro in duodenal tissue in voltage-clamped Ussing chambers. Addition of STC (10-100 ng/ml) to the serosal surface of the duodenum resulted in a simultaneous increase in calcium $J_{m \rightarrow s}$ and $J_{s \rightarrow m}$ fluxes, with a subsequent reduction in net calcium absorption. This was coupled with an STC-stimulated increase in phosphate absorption. Intestinal conductance was increased at the highest dose of STC (100 ng/ml) in swine tissue. The addition of STC to the mucosal surface had no effect on calcium and phosphate fluxes. STC at doses of 10-1,000 ng/ml had no effect on short-circuit current in any region of the rat intestine. In conclusion, human recombinant STC decreases the absorption of calcium and stimulates the absorption of phosphate in both swine and rat duodenum. STC is a novel regulatory protein that regulates mammalian intestinal calcium and phosphate transport.

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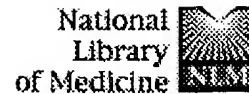
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High expression of stanniocalcin in differentiated brain neurons.

Zhang KZ, Westberg JA, Paetau A, von Boguslawsky K, Lindsberg P, Erlander M, Guo H, Su J, Olsen HS, Andersson LC.

Department of Pathology, Haartman Institute, University of Helsinki, Finland.

Stanniocalcin (STC) is a glycoprotein hormone first found in fish, in which it regulates calcium homeostasis and protects against hypercalcemia. Human and mouse stc cDNA were recently cloned. We found a dramatically upregulated expression of STC during induced neural differentiation in a human neural crest-derived cell line, Paju. Immunohistochemical staining of sections from human and adult mouse brain revealed abundant presence of STC in the neurons with no activity in the glial cells. STC expression was not seen in immature brain neurons of fetal or newborn mice. Given that STC has been found to regulate calcium/phosphate metabolism in some mammalian epithelia, we suggest that STC may act as a regulator of calcium homeostasis in terminally differentiated brain neurons.

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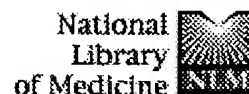
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Zhang KZ, Westberg JA, Paetau A, von Boguslawsky K, Lindsberg P, Erlander M, Guo H, Su J, Olsen HS, Andersson LC.

Department of Pathology, Haartman Institute, University of Helsinki, Finland.

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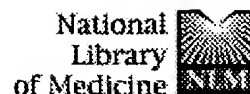
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Stanniocalcin: A molecular guard of neurons during cerebral ischemia.

Zhang K, Lindsberg PJ, Tatlisumak T, Kaste M, Olsen HS, Andersson LC.

Department of Pathology, Haartman Institute, University of Helsinki, FIN-00014, Helsinki, Finland.

Stanniocalcin (STC) is a glycoprotein hormone originally found in bony fish, in which it regulates calcium/phosphate homeostasis and protects against hypercalcemia. The recently characterized human STC shows about 70% homology with fish STC. We previously reported a constitutive expression of STC in terminally differentiated neurons. Here, we show that exposure of human neural-crest-derived cell line Paju to hypercalcemic culture medium induced expression of STC. Treatment of Paju cells with recombinant human STC increased their uptake of inorganic phosphate. Paju cells expressing STC by cDNA transfection displayed increased resistance to ischemic challenge and to elevated intracellular free calcium induced by treatment with thapsigargin. An up-regulated and redistributed expression of STC was observed in neurons surrounding the core of acute infarcts in human and rat brains. Given that mobilization and influx of calcium is considered a main neurotoxic mechanism following ischemia, our results suggest that the altered expression of STC contributes to the protection of cerebral neurons against hypoxic/ischemic damage. Manipulation of the STC expression may therefore offer a therapeutic approach to limit the injury after ischemic brain insults.

PMID: 10725397 [PubMed - indexed for MEDLINE]

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=> s stanniocalcin
 24 FILES SEARCHED...
 53 FILES SEARCHED...
L1      2365 STANNIOCALCIN

=> DUP REM L1
DUPLICATE IS NOT AVAILABLE IN 'ADISINSIGHT, ADISNEWS, BIOCOMMERCE, DGENE,
DRUGMONOG2, IMSRESEARCH, FEDRIP, FOREGE, GENBANK, IMSPRODUCT, KOSMET,
MEDICONF, NUTRACEUT, PCTGEN, PHAR, PHARMAML, PROUSDDR, RDISCLOSURE, SYNTHLINE'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING IS APPROXIMATELY 83% COMPLETE FOR L1
PROCESSING COMPLETED FOR L1
L2      1443 DUP REM L1 (922 DUPLICATES REMOVED)

=> s ischemia OR hypoxia
 26 FILES SEARCHED...
 42 FILES SEARCHED...
L3      1045538 ISCHEMIA OR HYPOXIA

=> s L2 AND L3
 31 FILES SEARCHED...
 64 FILES SEARCHED...
L4      45 L2 AND L3

=> DUP REM L4
DUPLICATE IS NOT AVAILABLE IN 'ADISINSIGHT, ADISNEWS, BIOCOMMERCE, DGENE,
DRUGMONOG2, IMSRESEARCH, FEDRIP, FOREGE, GENBANK, IMSPRODUCT, KOSMET,
MEDICONF, NUTRACEUT, PCTGEN, PHAR, PHARMAML, PROUSDDR, RDISCLOSURE, SYNTHLINE'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L4
L5      45 DUP REM L4 (0 DUPLICATES REMOVED)

=> D L5 1-45

L5      ANSWER 1 OF 45  USPATFULL on STN
AN      2004:50919  USPATFULL
TI      Heteromultimeric TNF ligand family members
IN      Hilbert, David M., Bethesda, MD, UNITED STATES
        Rosen, Craig A., Laytonsville, MD, UNITED STATES
PI      US 2004038349      A1      20040226
AI      US 2002-202062      A1      20020725 (10)
PRAI    US 2001-307838P      20010727 (60)
DT      Utility
FS      APPLICATION
LN.CNT  14327
INCL    INCLM: 435/069.500
        INCLS: 435/320.100; 435/325.000; 530/351.000
NCL     NCLM: 435/069.500
        NCLS: 435/320.100; 435/325.000; 530/351.000
IC      [7]
        ICM: C12P021-02
        ICS: C07K014-52
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5      ANSWER 2 OF 45  USPATFULL on STN
AN      2004:50862  USPATFULL
TI      wound healing biomarkers
IN      Burslem, Martyn Frank, Sandwich, UNITED KINGDOM
        Johnson, Claire Michelle, Sandwich, UNITED KINGDOM
        Cooper, Lisa, London, UNITED KINGDOM
        Martin, Paul, London, UNITED KINGDOM
PI      US 2004038292      A1      20040226
AI      US 2002-175184      A1      20020618 (10)
PRAI    GB 2001-14869      20010618
        US 2001-305346P      20010713 (60)
DT      Utility
FS      APPLICATION
LN.CNT  67123
INCL    INCLM: 435/007.100
        INCLS: 435/069.100; 435/226.000; 435/320.100; 435/325.000; 536/023.200
NCL     NCLM: 435/007.100
        NCLS: 435/069.100; 435/226.000; 435/320.100; 435/325.000; 536/023.200
IC      [7]
        ICM: G01N033-53
        ICS: C07H021-04; C12P021-02; C12N005-06; C12N009-64

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CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 3 OF 45 USPATFULL on STN
AN 2004:50778 USPATFULL
TI Gene expression in bladder tumors
IN Orntoft, Torben F., Aabyhoj, DENMARK
PI US 2004038207 A1 20040226
AI US 2001-951968 A1 20010914 (9)
RLI Division of Ser. No. US 2000-510643, filed on 22 Feb 2000, UNKNOWN
DT Utility
FS APPLICATION
LN.CNT 28561
INCL INCLM: 435/006.000
NCL NCLM: 435/006.000
IC [7]
ICM: C12Q001-68

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 4 OF 45 USPATFULL on STN
AN 2004:44503 USPATFULL
TI Methods of diagnosis of angiogenesis, compositions and methods of
screening for angiogenesis modulators
IN Murray, Richard, Cupertino, CA, UNITED STATES
Glynn, Richard, Palo Alto, CA, UNITED STATES
Watson, Susan R., El Cerrito, CA, UNITED STATES
Aziz, Natasha, Palo Alto, CA, UNITED STATES
PA Eos Biotechnology, Inc., South San Francisco, CA, UNITED STATES, 94080
(U.S. corporation)
PI US 2004033495 A1 20040219
AI US 2002-211462 A1 20020801 (10)
PRAI US 2001-310025P 20010803 (60)
US 2001-334244P 20011129 (60)
DT Utility
FS APPLICATION
LN.CNT 24599
INCL INCLM: 435/006.000
INCLS: 435/007.230; 435/069.100; 435/320.100; 435/325.000; 536/023.200
NCL NCLM: 435/006.000
NCLS: 435/007.230; 435/069.100; 435/320.100; 435/325.000; 536/023.200
IC [7]
ICM: C12Q001-68
ICS: G01N033-574; C07H021-04; C12P021-02; C12N005-06

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 5 OF 45 USPATFULL on STN
AN 2004:38576 USPATFULL
TI Methods of diagnosis of breast cancer, compositions and methods of
screening for modulators of breast cancer
IN Mack, David H., Menlo Park, CA, UNITED STATES
Gish, Kurt C., San Francisco, CA, UNITED STATES
Afar, Daniel, Brisbane, CA, UNITED STATES
PA Eos Technology, Inc., South San Francisco, CA, UNITED STATES, 94080-7019
(U.S. corporation)
PI US 2004029114 A1 20040212
AI US 2002-58270 A1 20020124 (10)
PRAI US 2001-263965P 20010124 (60)
US 2001-265928P 20010202 (60)
US 2001-282698P 20010409 (60)
US 2001-288590P 20010504 (60)
US 2001-294443P 20010529 (60)
DT Utility
FS APPLICATION
LN.CNT 42494
INCL INCLM: 435/006.000
INCLS: 435/069.100; 435/320.100; 435/325.000; 530/350.000; 536/023.500
NCL NCLM: 435/006.000
NCLS: 435/069.100; 435/320.100; 435/325.000; 530/350.000; 536/023.500
IC [7]
ICM: C12Q001-68
ICS: C07H021-04; C07K014-72; C12P021-02; C12N005-06

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 6 OF 45 USPATFULL on STN
AN 2004:18362 USPATFULL
TI Tumor necrosis factor receptors 6 alpha & 6 beta
IN Gentz, Reiner L., Belo Horizonte-Mg, BRAZIL

Yu, Guo-Liang, Berkeley, CA, UNITED STATES
Ni, Jian, Germantown, MD, UNITED STATES
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES
Feng, Ping, Germantown, MD, UNITED STATES
Ruben, Steven M., Brookeville, MD, UNITED STATES

PI US 2004013664 A1 20040122
AI US 2003-418242 A1 20030418 (10)
RLI Continuation-in-part of Ser. No. US 2001-935727, filed on 24 Aug 2001,
PENDING Continuation-in-part of Ser. No. US 2000-518931, filed on 3 Mar
2000, PENDING Continuation-in-part of Ser. No. US 1998-6352, filed on 13
Jan 1998, PENDING Continuation-in-part of Ser. No. US 2000-518931, filed
on 3 Mar 2000, PENDING Continuation-in-part of Ser. No. US 1998-6352,
filed on 13 Jan 1998, PENDING Continuation-in-part of Ser. No. US
1998-6352, filed on 13 Jan 1998, PENDING
PRAI US 2002-373604P 20020419 (60)
US 2001-303224P 20010706 (60)
US 2000-252131P 20001121 (60)
US 2000-227598P 20000825 (60)
US 1999-168235P 19991201 (60)
US 1999-146371P 19990802 (60)
US 1999-131964P 19990430 (60)
US 1999-131279P 19990427 (60)
US 1999-124092P 19990312 (60)
US 1999-121774P 19990304 (60)
US 1997-35496P 19970114 (60)
US 1999-168235P 19991201 (60)
US 1999-146371P 19990802 (60)
US 1999-131964P 19990430 (60)
US 1999-131279P 19990427 (60)
US 1999-124092P 19990312 (60)
US 1999-121774P 19990304 (60)
US 1997-35496P 19970114 (60)
US 1997-35496P 19970114 (60)
DT Utility
FS APPLICATION
LN.CNT 13403
INCL INCLM: 424/130.100
INCLS: 514/012.000
NCL NCLM: 424/130.100
NCLS: 514/012.000
IC [7]
ICM: A61K039-395

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 7 OF 45 USPATFULL on STN
AN 2004:13611 USPATFULL
TI Albumin fusion proteins
IN Rosen, Craig A., Laytonsville, MD, UNITED STATES
Haseltine, William A., Washington, DC, UNITED STATES
PI US 2004010134 A1 20040115
AI US 2001-833245 A1 20010412 (9)
PRAI US 2000-256931P 20001221 (60)
US 2000-199384P 20000425 (60)
US 2000-229358P 20000412 (60)
DT Utility
FS APPLICATION
LN.CNT 25066
INCL INCLM: 536/023.500
INCLS: 530/363.000; 514/012.000; 435/069.700; 435/320.100; 435/325.000
NCL NCLM: 536/023.500
NCLS: 530/363.000; 514/012.000; 435/069.700; 435/320.100; 435/325.000
IC [7]
ICM: C07H021-04
ICS: C12P021-04; C12P021-02; C07K014-765; A61K038-38
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 8 OF 45 USPATFULL on STN
AN 2004:66006 USPATFULL
TI DNA array sequence selection
IN Lorenz, Matthias, Bethesda, MD, United States
PA The United States of America as represented by the Department of Health
and Human Services, Washington, DC, United States (U.S. government)
PI US 6706867 B1 20040316
AI US 2000-741238 20001219 (9)
DT Utility
FS GRANTED

LN.CNT 23532
INCL INCLM: 536/023.100
INCLS: 536/024.320; 536/024.310; 536/024.300; 435/006.000
NCL NCLM: 536/023.100
NCLS: 435/006.000; 536/024.300; 536/024.310; 536/024.320
IC [7]
ICM: C07H021-04
ICS: C12Q001-68
EXF 435/6; 536/24.32; 536/24.31; 536/24.33; 536/23.1
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STN
AN 2004247730 EMBASE Alert (EMBAL)
TI Modulation of gene expression by ****hypoxia**** in human umbilical cord
vein endothelial cells: A transcriptomic and proteomic study.
AU Scheurer S.B.; Rybak J.N.; Rosli C.; Neri D.; Elia G.
CS D. Neri, Institute of Pharmaceutical Sciences, Swiss Fed. Inst. of
Technol. Zurich, Zurich, Switzerland. neri@pharma.ethz.ch
SO Proteomics, (2004) 4/6 (1737-1760). Refs: 107.
CODEN: PROTC ISSN: 1615-9853
CY Germany
DT Article
LA English
SL English

L5 ANSWER 10 OF 45 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:856127 CAPLUS
DN 139:363053
TI Gene expression profiles and cell-based modulator screening relating to
endothelial cell signaling using the protease-activated receptor 1 and
their use in treating inflammation and sepsis
IN Ruf, wolfram; Riewald, Matthias
PA The Scripps Research Institute, USA
SO PCT Int. Appl., 119 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003089903	A2	20031030	WO 2003-US12109	20030418
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	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 2004033517	A1	20040219	US 2003-418938	20030418
PRAI	US 2002-374110P	P	20020419		

L5 ANSWER 11 OF 45 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:492204 CAPLUS
DN 139:64331
TI Modular biochip arrays and their diagnostic or analytical uses and their
preparation and uses
IN Bignon, Yves Jean; Vidal, Veronique; D'Incan, Chantal; Laplace, Chambaud
Valerie; Sylvain, Vidal Valerie
PA Centre Medico Chirurgical De Tronquieres, Fr.
SO Fr. Demande, 124 pp.
CODEN: FRXXBL
DT Patent
LA French
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 2833968	A1	20030627	FR 2001-16962	20011220
PRAI	FR 2001-16962		20011220		

RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 12 OF 45 USPATFULL on STN
AN 2003:318682 USPATFULL
TI Human G-protein chemokine receptor HSATU68
IN Li, Yi, Sunnyvale, CA, UNITED STATES
PI US 2003224426 A1 20031204
AI US 2003-411284 A1 20030411 (10)
RLI Continuation-in-part of Ser. No. US 1998-101518, filed on 21 Dec 1998,
PENDING A 371 of International Ser. No. WO 1996-US499, filed on 11 Jan
1996, PENDING
PRAI US 2002-371725P 20020412 (60)
DT Utility
FS APPLICATION
LN.CNT 16542
INCL INCLM: 435/006.000
INCLS: 435/007.100; 435/069.100; 435/320.100; 435/325.000; 530/350.000;
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NCL NCLM: 435/006.000
NCLS: 435/007.100; 435/069.100; 435/320.100; 435/325.000; 530/350.000;
536/023.500
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ICM: C12Q001-68
ICS: G01N033-53; C07H021-04; C07K014-715; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 13 OF 45 USPATFULL on STN
AN 2003:312278 USPATFULL
TI Albumin fusion proteins
IN Rosen, Craig A., Laytonsville, MD, UNITED STATES
Haseltine, William A., Washington, DC, UNITED STATES
PI US 2003219875 A1 20031127
AI US 2001-833118 A1 20010412 (9)
PRAI US 2000-256931P 20001221 (60)
US 2000-199384P 20000425 (60)
US 2000-229358P 20000412 (60)
DT Utility
FS APPLICATION
LN.CNT 15415
INCL INCLM: 435/069.700
INCLS: 435/325.000; 435/320.100; 530/362.000; 514/012.000; 536/023.500
NCL NCLM: 435/069.700
NCLS: 435/325.000; 435/320.100; 530/362.000; 514/012.000; 536/023.500
IC [7]
ICM: A61K038-38
ICS: C07H021-04; C12P021-04; C07K014-76
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 14 OF 45 USPATFULL on STN
AN 2003:294822 USPATFULL
TI Genes induced by ***hypoxia***
IN Riggins, Gregory J., Durham, NC, UNITED STATES
LaI, Anita, Durham, NC, UNITED STATES
PA Duke University, Durham, NC (U.S. corporation)
PI US 2003207840 A1 20031106
AI US 2003-465572 A1 20030620 (10)
RLI Division of Ser. No. US 2002-201642, filed on 24 Jul 2002, PENDING
PRAI US 2001-307600P 20010726 (60)
DT Utility
FS APPLICATION
LN.CNT 2369
INCL INCLM: 514/044.000
INCLS: 424/001.490; 424/178.100; 424/155.100
NCL NCLM: 514/044.000
NCLS: 424/001.490; 424/178.100; 424/155.100
IC [7]
ICM: A61K051-00
ICS: A61K048-00; A61K039-395
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 15 OF 45 USPATFULL on STN
AN 2003:282700 USPATFULL
TI Albumin fusion proteins
IN Ballance, David J., Berwyn, PA, UNITED STATES
Sleep, Darrell, West Bridgford, UNITED KINGDOM
Prior, Christopher P., Rosemont, PA, UNITED STATES
Sadeghi, Homayoun, Doylestown, PA, UNITED STATES
Turner, Andrew J., Eagleville, PA, UNITED STATES

US 2003199043 A1 20031023
US 2001-832501 A1 20010412 (9)
AI US 2000-256931P 20001221 (60)
US 2000-199384P 20000425 (60)
US 2000-229358P 20000412 (60)
Utility
APPLICATION
.CNT 14339
CL INCLM: 435/069.700
INCLS: 435/069.500; 435/325.000; 435/320.100; 530/351.000; 530/363.000;
536/023.500
L NCLM: 435/069.700
NCLS: 435/069.500; 435/325.000; 435/320.100; 530/351.000; 530/363.000;
536/023.500
[7]
ICM: C12P021-02
ICS: C07H021-04; C12N005-06; C07K014-76; C07K014-52
AS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 16 OF 45 USPATFULL on STN
2003:250423 USPATFULL
Neutrokin- α and neutrokin- α splice variant
Yu, Guo-Liang, Berkeley, CA, UNITED STATES
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES
Ni, Jian, Germantown, MD, UNITED STATES
Rosen, Craig A., Laytonsville, MD, UNITED STATES
Ullrich, Stephen, Rockville, MD, UNITED STATES
Laird, Michael, Germantown, MD, UNITED STATES
Human Genome Sciences, Inc., Rockville, MD, UNITED STATES (U.S.
corporation)
US 2003175208 A1 20030918
US 2002-270487 A1 20021016 (10)
Continuation-in-part of Ser. No. US 2001-929493, filed on 15 Aug 2001,
PENDING Continuation-in-part of Ser. No. US 2000-588947, filed on 8 Jun
2000, ABANDONED Continuation-in-part of Ser. No. US 2000-589285, filed
on 8 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-589286,
filed on 8 Jun 2000, PENDING Continuation-in-part of Ser. No. US
2000-589287, filed on 8 Jun 2000, GRANTED, Pat. No. US 6403770
Continuation-in-part of Ser. No. US 2000-589288, filed on 8 Jun 2000,
PENDING Continuation-in-part of Ser. No. US 2000-507968, filed on 22 Feb
2000, PENDING Continuation-in-part of Ser. No. US 1999-255794, filed on
23 Feb 1999, PENDING Continuation-in-part of Ser. No. US 2000-588947,
filed on 8 Jun 2000, ABANDONED Continuation-in-part of Ser. No. US
2000-589285, filed on 8 Jun 2000, PENDING Continuation-in-part of Ser.
No. US 2000-589286, filed on 8 Jun 2000, PENDING Continuation-in-part of
Ser. No. US 2000-589288, filed on 8 Jun 2000, PENDING
Continuation-in-part of Ser. No. US 2000-507968, filed on 22 Feb 2000,
PENDING Continuation-in-part of Ser. No. US 1999-255794, filed on 23 Feb
1999, PENDING Continuation-in-part of Ser. No. US 1998-5874, filed on 12
Jan 1998, PENDING Continuation-in-part of Ser. No. WO 1996-US17957,
filed on 25 Oct 1996, PENDING Continuation-in-part of Ser. No. US
1999-255794, filed on 23 Feb 1999, PENDING Continuation-in-part of Ser.
No. US 1998-5874, filed on 12 Jan 1998, PENDING
RAI US 2001-329508P 20011017 (60)
US 2001-329747P 20011018 (60)
US 2001-330835P 20011031 (60)
US 2001-331478P 20011116 (60)
US 2001-336726P 20011207 (60)
US 2002-368548P 20020401 (60)
US 2000-225628P 20000815 (60)
US 2000-227008P 20000823 (60)
US 2000-234338P 20000922 (60)
US 2000-240806P 20001017 (60)
US 2000-250020P 20001130 (60)
US 2001-276248P 20010316 (60)
US 2001-293499P 20010525 (60)
US 2001-296122P 20010607 (60)
US 2001-304809P 20010713 (60)
US 1999-122388P 19990302 (60)
US 1999-124097P 19990312 (60)
US 1999-126599P 19990326 (60)
US 1999-127598P 19990402 (60)
US 1999-130412P 19990416 (60)
US 1999-130696P 19990423 (60)
US 1999-131278P 19990427 (60)
US 1999-131673P 19990429 (60)

US 1999-136784P 19990528 (60)
US 1999-142659P 19990706 (60)
US 1999-145824P 19990727 (60)
US 1999-167239P 19991124 (60)
US 1999-168624P 19991203 (60)
US 1999-171108P 19991216 (60)
US 1999-171626P 19991223 (60)
US 2000-176015P 20000114 (60)
US 1999-122388P 19990302 (60)
US 1999-124097P 19990312 (60)
US 1999-126599P 19990326 (60)
US 1999-127598P 19990402 (60)
US 1999-130412P 19990416 (60)
US 1999-130696P 19990423 (60)
US 1999-131278P 19990427 (60)
US 1999-131673P 19990429 (60)
US 1999-136784P 19990528 (60)
US 1999-142659P 19990706 (60)
US 1999-145824P 19990727 (60)
US 1999-167239P 19991124 (60)
US 1999-168624P 19991203 (60)
US 1999-171108P 19991216 (60)
US 1999-171626P 19991223 (60)
US 2000-176015P 20000114 (60)
US 1997-36100P 19970114 (60)

Utility

APPLICATION

CNT 18884

INCLM: 424/001.490

INCLS: 424/001.690

NCLM: 424/001.490

NCLS: 424/001.690

[7]

ICM: A61K051-00

INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 17 OF 45 USPATFULL on STN

2003:244853 USPATFULL

Albumin fusion proteins

Rosen, Craig A., Laytonsville, MD, UNITED STATES

Sadeghi, Homayoun, Doylestown, PA, UNITED STATES

Prior, Christopher P., Rosemont, PA, UNITED STATES

Turner, Andrew J., Eagleville, PA, UNITED STATES

US 2003171267 A1 20030911

US 2001-833117 A1 20010412 (9)

US 2000-256931P 20001221 (60)

US 2000-199384P 20000425 (60)

US 2000-229358P 20000412 (60)

Utility

APPLICATION

CNT 13208

INCLM: 514/012.000

INCLS: 530/363.000

NCLM: 514/012.000

NCLS: 530/363.000

[7]

ICM: A61K038-38

ICS: C07K014-765

INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 18 OF 45 USPATFULL on STN

2003:238706 USPATFULL

Human tumor necrosis factor delta and epsilon

Yu, Guo-Liang, Berkeley, CA, UNITED STATES

Ni, Jian, Germantown, MD, UNITED STATES

Gentz, Reiner, Belo Horizonte-Mg, BRAZIL

US 2003166864 A1 20030904

US 2002-268951 A1 20021011 (10)

Continuation-in-part of Ser. No. US 2001-879919, filed on 14 Jun 2001,
PENDING Continuation-in-part of Ser. No. US 1997-815783, filed on 12 Mar
1997, GRANTED, Pat. No. US 6509170 Continuation-in-part of Ser. No. US
1997-815783, filed on 12 Mar 1997, GRANTED, Pat. No. US 6509170
Continuation-in-part of Ser. No. US 2002-82260, filed on 26 Feb 2002,
GRANTED, Pat. No. US 6506882 Division of Ser. No. US 1997-815783, filed
on 12 Mar 1997, GRANTED, Pat. No. US 6509170
US 2001-328401P 20011012 (60)

US 2000-211537P 20000615 (60)
US 2000-241952P 20001023 (60)
US 2000-254875P 20001213 (60)
US 2001-277978P 20010323 (60)
US 2001-276248P 20010316 (60)
US 2001-293499P 20010525 (60)
US 1996-16812P 19960314 (60)
US 1996-16812P 19960314 (60)
US 1996-16812P 19960314 (60)

Utility

APPLICATION

CNT 14873

L INCLM: 530/351.000
INCLS: 435/069.500; 435/320.100; 435/325.000; 536/023.500; 424/085.100;
424/450.000
NCLM: 530/351.000
NCLS: 435/069.500; 435/320.100; 435/325.000; 536/023.500; 424/085.100;
424/450.000

[7]

ICM: C07K014-525

ICS: C07H021-04; C12P021-02; A61K038-19; A61K009-127

INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 19 OF 45 USPATFULL on STN

2003:206834 USPATFULL

Chemokine beta-1 fusion proteins

Bell, Adam, Germantown, MD, UNITED STATES

Ruben, Steven M., Olney, MD, UNITED STATES

US 2003143191 A1 20030731

US 2002-153604 A1 20020524 (10)

I US 2001-293212P 20010525 (60)

Utility

APPLICATION

CNT 15446

L INCLM: 424/085.100
INCLS: 530/351.000; 536/023.500; 435/069.500; 435/320.100; 435/325.000
NCLM: 424/085.100
NCLS: 530/351.000; 536/023.500; 435/069.500; 435/320.100; 435/325.000

[7]

ICM: A61K038-19

ICS: C07K014-52; C07H021-04; C12P021-02; C12N005-06

INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 20 OF 45 USPATFULL on STN

2003:200909 USPATFULL

Methods and compositions for modulating ACE-2 activity

Parry, Tom J., Walkersville, MD, UNITED STATES

Sekut, Les, Ijamsville, MD, UNITED STATES

Rosen, Craig A., Laytonsville, MD, UNITED STATES

Albert, Vivian R., Rockville, MD, UNITED STATES

Sanyal, Indrajit, Bethesda, MD, UNITED STATES

Huang, Lili, Burlington, MA, UNITED STATES

Wescott, Charles R., Belmont, MA, UNITED STATES

US 2003138894 A1 20030724

US 2004121429 A9 20040624

US 2002-158825 A1 20020603 (10)

I US 2001-294976P 20010604 (60)

Utility

APPLICATION

CNT 9236

L INCLM: 435/069.100
INCLS: 530/324.000; 514/012.000; 435/226.000; 435/320.100; 435/325.000
NCLM: 435/069.100
NCLS: 530/324.000; 514/012.000; 435/226.000; 435/320.100; 435/325.000

[7]

ICM: A61K038-16

ICS: C12P021-02; C12N005-06; C12N009-64

INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 21 OF 45 USPATFULL on STN

2003:181414 USPATFULL

Albumin fusion proteins

Rosen, Craig A., Laytonsville, MD, UNITED STATES

Haseltine, William A., Washington, DC, UNITED STATES

US 2003125247 A1 20030703

US 2001-833041 A1 20010412 (9)

PRAI US 2000-256931P 20001221 (60)
US 2000-199384P 20000425 (60)
US 2000-229358P 20000412 (60)

DT Utility
FS APPLICATION

LN.CNT 15235

INCL INCLM: 514/012.000
INCLS: 530/363.000

NCL NCLM: 514/012.000
NCLS: 530/363.000

IC [7]
ICM: A61K038-38
ICS: C07K014-765

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 22 OF 45 USPATFULL on STN

AN 2003:133472 USPATFULL

TI Methods and compositions for modulating ACE-2 activity

IN Parry, Tom J., Walkersville, MD, UNITED STATES

Sekut, Les, Ijamsville, MD, UNITED STATES

PI US 2003091557 A1 20030515

US 6592865 B2 20030715

AI US 2002-158847 A1 20020603 (10)

PRAI US 2001-295004P 20010604 (60)

DT Utility

FS APPLICATION

LN.CNT 9238

INCL INCLM: 424/094.640

NCL NCLM: 424/094.640

NCLS: 514/002.000; 514/015.000

IC [7]
ICM: A61K038-48

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 23 OF 45 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

AN 2003:566413 BIOSIS

DN PREV200300568287

TI The role of HIF-1alpha in transcriptional regulation of the proximal
tubular epithelial cell response to ***hypoxia***

AU Leonard, Martin O.; Cottell, David C.; Godson, Catherine; Brady, Hugh R.;
Taylor, Cormac T. [Reprint Author]

CS Conway Institute, University College Dublin, Belfield, Dublin 4, Ireland
cormac.taylor@ucd.ie

SO Journal of Biological Chemistry, (October 10 2003) Vol. 278, No. 41, pp.
40296-40304. print.

CODEN: JBCHA3. ISSN: 0021-9258.

DT Article

LA English

ED Entered STN: 3 Dec 2003

Last Updated on STN: 3 Dec 2003

L5 ANSWER 24 OF 45 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN

AN 2003:36418397 BIOTECHNO

TI ***Stanniocalcin*** -1: A novel molecular blood and bone marrow marker
for human breast cancer

AU Wascher R.A.; Huynh K.T.; Giuliano A.E.; Hansen N.M.; Singer F.R.;

Elashoff D.; Hoon D.S.B.

CS D.S.B. Hoon, Department of Molecular Oncology, John Wayne Cancer
Institute, 2200 Santa Monica Boulevard, Santa Monica, CA 90404-2302,
United States.

E-mail: hoond@jwci.org

SO Clinical Cancer Research, (01 APR 2003), 9/4 (1427-1435), 43 reference(s)

CODEN: CCREF4 ISSN: 1078-0432

DT Journal; Article

CY United States

LA English

SL English

L5 ANSWER 25 OF 45 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

AN 2004:92095 BIOSIS

DN PREV200400085287

TI Involvement of HIF-1alpha in ***hypoxia*** mediated alterations in
human proximal tubular epithelial cell transcription.

AU Leonard, Martin O. [Reprint Author]; Godson, Catherine [Reprint Author];

Brady, Hugh R. [Reprint Author]; Taylor, Cormac T. [Reprint Author]

CS Department of Medicine and Therapeutics, Conway Institute of Biomolecular

L5 and Biomedical Research, University College Dublin, Dublin, Ireland
SO Journal of the American Society of Nephrology, (November 2003) Vol. 14,
No. Abstracts Issue, pp. 24A. print.
Meeting Info.: Meeting of the American Society of Nephrology Renal Week.
San Diego, CA, USA. November 12-17, 2003. American Society of Nephrology.
CODEN: JASNEU. ISSN: 1046-6673.
DT Conference; (Meeting)
LA Conference; Abstract; (Meeting Abstract)
ED English
Entered STN: 11 Feb 2004
Last Updated on STN: 11 Feb 2004

L5 ANSWER 26 OF 45 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:832576 CAPLUS
DN 137:346197
TI Treatment of respiratory and lung diseases with antisense oligonucleotides
IN and a bronchodilating agent
Nyce, Jonathan W.; Li, Yukui; Sandrasagra, Anthony; Katz, Evan; Pabalan,
Jonathan; Aguilar, Douglas; Miller, Shoreh; Tang, Lei; Shahabuddin, Syed
PA Epigenesis Pharmaceuticals, Inc., USA
SO PCT Int. Appl., 764 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002085309	A2	20021031	WO 2002-US13143	20020423
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 2004049022	A1	20040311	US 2003-627930	20030725
PRAI	US 2001-286036P	P	20010424		
	WO 2002-US13135	A2	20020423		
	WO 2002-US13143	A2	20020423		
OS	MARPAT 137:346197				

L5 ANSWER 27 OF 45 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:832575 CAPLUS
DN 137:346196
TI Treatment of respiratory and lung diseases with antisense oligonucleotides
IN and a bronchodilating agent
Nyce, Jonathan W.; Li, Yukui; Sandrasagra, Anthony; Katz, Evan; Pabalan,
Jonathan; Aguilar, Douglas; Miller, Shoreh; Tang, Lei; Shahabuddin, Syed
PA Epigenesis Pharmaceuticals, Inc., USA
SO PCT Int. Appl., 872 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002085308	A2	20021031	WO 2002-US13135	20020423
	WO 2002085308	A3	20021219		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	WO 2002085308	A2	20021031	WO 2002-XA13135	20020423
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,				

PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
 UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,
 TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
 CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 WO 2002085308 A2 20021031 WO 2002-XB13135 20020423
 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
 CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
 PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
 UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,
 TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
 CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 WO 2002085308 A2 20021031 WO 2002-XC13135 20020423
 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
 CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
 PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
 UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,
 TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
 CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 US 2004049022 A1 20040311 US 2003-627930 20030725
 RAI US 2001-286137P P 20010424
 WO 2002-US13135 A 20020423
 WO 2002-US13143 A2 20020423
 S MARPAT 137:346196

5 ANSWER 28 OF 45 CAPLUS COPYRIGHT 2004 ACS on STN
 N 2002:276517 CAPLUS
 N 136:273573
 I Human ***stanniocalcin*** and its use in diagnosis and treatment of
 brain ***ischemia***
 N Olsen, Henrik S.; Zhang, Ke-zhou; Lindsberg, Perttu; Tatlisumak, Turgut;
 Kaste, Markku; Andersson, Leif C.
 A Human Genome Sciences, Inc., USA
 O U.S. Pat. Appl. Publ., 103 pp., Cont.-in-part of Appl. No. PCT/US00/29432.
 CODEN: USXXCO
 T Patent
 A English
 AN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002042372	A1	20020411	US 2001-840989	20010425
WO 2001030969	A2	20010503	WO 2000-US29432	20001020
W:				
AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,				
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,				
LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,				
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,				
YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW:				
GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,				
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,				
CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
RAI US 1999-161740P	P	19991027		
WO 2000-US29432	A2	20001020		

5 ANSWER 29 OF 45 CAPLUS COPYRIGHT 2004 ACS on STN
 N 2002:937303 CAPLUS
 N 138:20443
 I Endocrine disruptor screening using DNA chips of endocrine
 disruptor-responsive genes
 N Kondo, Akihiro; Takeda, Takeshi; Mizutani, Shigetoshi; Tsujimoto,
 Yoshimasa; Takashima, Ryokichi; Enoki, Yuki; Kato, Ikunoshin
 A Takara Bio Inc., Japan
 O Jpn. Kokai Tokkyo Koho, 386 pp.
 CODEN: JKXXAF
 T Patent
 A Japanese
 AN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
I	JP 2002355079	A2	20021210	JP 2002-69354	20020313
RAI	JP 2001-73183	A	20010314		
	JP 2001-74993	A	20010315		
	JP 2001-102519	A	20010330		

5 ANSWER 30 OF 45 USPATFULL on STN
 N 2002:273550 USPATFULL
 I Nucleic acids, proteins and antibodies
 N Rosen, Craig A., Laytonsville, MD, UNITED STATES
 Ruben, Steven M., Olney, MD, UNITED STATES
 I US 2002151681 A1 20021017
 I US 2001-925300 A1 20010810 (9)
 LI Continuation-in-part of Ser. No. WO 2000-US5988, filed on 8 Mar 2000,
 UNKNOWN
 RAI US 1999-124270P 19990312 (60)
 T Utility
 S APPLICATION
 N.CNT 29771
 NCL INCLM: 530/350.000
 INCLS: 536/023.500; 435/325.000; 435/320.100; 435/069.300
 CL NCLM: 530/350.000
 NCLS: 536/023.500; 435/325.000; 435/320.100; 435/069.300
 C [7]
 ICM: C07K014-435
 ICS: C07H021-04; C12P021-02; C12N005-06
 AS INDEXING IS AVAILABLE FOR THIS PATENT.

5 ANSWER 31 OF 45 USPATFULL on STN
 N 2002:272468 USPATFULL
 I Tumor necrosis factor receptors 6alpha & 6beta
 N Gentz, Reiner L., Rockville, MD, UNITED STATES
 Ebner, Reinhard, Gaithersburg, MD, UNITED STATES
 Yu, Guo-Liang, Berkeley, CA, UNITED STATES
 Ruben, Steven M., Olney, MD, UNITED STATES
 Ni, Jian, Germantown, MD, UNITED STATES
 Feng, Ping, Gaithersburg, MD, UNITED STATES
 A Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S.
 corporation)
 I US 2002150583 A1 20021017
 I US 2001-935727 A1 20010824 (9)
 LI Continuation-in-part of Ser. No. US 1998-6352, filed on 13 Jan 1998,
 PENDING Continuation-in-part of Ser. No. US 2000-518931, filed on 3 Mar
 2000, PENDING Continuation-in-part of Ser. No. US 1998-6352, filed on 13
 Jan 1998, PENDING
 RAI US 2001-303224P 20010706 (60)
 US 2000-252131P 20001121 (60)
 US 2000-227598P 20000825 (60)
 US 1999-168235P 19991201 (60)
 US 1999-146371P 19990802 (60)
 US 1999-131964P 19990430 (60)
 US 1999-131270P 19990427 (60)
 US 1999-124092P 19990312 (60)
 US 1999-121774P 19990304 (60)
 US 1997-35496P 19970114 (60)
 T Utility
 S APPLICATION
 N.CNT 12989
 NCL INCLM: 424/178.100
 INCLS: 530/389.100
 CL NCLM: 424/178.100
 NCLS: 530/389.100
 C [7]
 ICM: A61K039-395
 ICS: C07K016-46
 AS INDEXING IS AVAILABLE FOR THIS PATENT.

5 ANSWER 32 OF 45 USPATFULL on STN
 N 2002:213736 USPATFULL
 I Neutrokin-alpha and Neutrokin-alpha splice variant
 N Yu, Guo-Liang, Berkeley, CA, UNITED STATES
 Ebner, Reinhard, Gaithersburg, MD, UNITED STATES
 Ni, Jian, Germantown, MD, UNITED STATES
 Rosen, Craig A., Laytonsville, MD, UNITED STATES
 Ullrich, Stephen, Rockville, MD, UNITED STATES

PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S. corporation)
 PI US 2002115112 A1 20020822
 AI US 2001-929493 A1 20010815 (9)
 RLI Continuation-in-part of Ser. No. US 2000-588947, filed on 8 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-589285, filed on 8 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-589286, filed on 8 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-589287, filed on 8 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-586288, filed on 2 Jun 2000, PATENTED Continuation-in-part of Ser. No. US 2000-507968, filed on 22 Feb 2000, PENDING Continuation-in-part of Ser. No. US 1999-255794, filed on 23 Feb 1999, PENDING Continuation-in-part of Ser. No. US 1999-255794, filed on 23 Feb 1999, PENDING
 PRAI US 2000-225628P 20000815 (60)
 US 2000-227008P 20000823 (60)
 US 2000-234338P 20000922 (60)
 US 2000-240806P 20001017 (60)
 US 2000-250020P 20001130 (60)
 US 2001-276248P 20010316 (60)
 US 2001-293499P 20010525 (60)
 US 2001-296122P 20010607 (60)
 US 2001-304809P 20010713 (60)
 US 1999-122388P 19990302 (60)
 US 1999-124097P 19990312 (60)
 US 1999-126599P 19990326 (60)
 US 1999-127598P 19990402 (60)
 US 1999-130412P 19990416 (60)
 US 1999-130696P 19990423 (60)
 US 1999-131278P 19990427 (60)
 US 1999-131673P 19990429 (60)
 US 1999-136784P 19990528 (60)
 US 1999-142659P 19990706 (60)
 US 1999-145824P 19990727 (60)
 US 1999-167239P 19991124 (60)
 US 1999-168624P 19991203 (60)
 US 1999-171108P 19991216 (60)
 US 1999-171626P 19991223 (60)
 US 2000-176015P 20000114 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 18178
 INCL INCLM: 435/007.200
 INCLS: 530/388.230; 424/145.100
 NCL NCLM: 435/007.200
 NCLS: 530/388.230; 424/145.100
 IC [7]
 ICM: C07K016-24
 ICS: G01N033-567; G01N033-53; A61K039-395
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 L5 ANSWER 33 OF 45 USPATFULL on STN
 AN 2002:198636 USPATFULL
 TI Human tumor necrosis factor receptor TR17
 IN Ruben, Steven M., Olney, MD, UNITED STATES
 Baker, Kevin P., Darnestown, MD, UNITED STATES
 PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S. corporation)
 PI US 2002106736 A1 20020808
 AI US 2001-961376 A1 20010925 (9)
 RLI Continuation-in-part of Ser. No. US 2000-533822, filed on 24 Mar 2000, PENDING
 PRAI US 2000-254874P 20001213 (60)
 US 2000-235991P 20000926 (60)
 US 2000-188208P 20000310 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 13690
 INCL INCLM: 435/069.100
 INCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.500
 NCL NCLM: 435/069.100
 NCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.500
 C [7]
 ICM: C07K014-705
 ICS: C07H021-04; C12P021-02; C12N005-06
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 34 OF 45 USPATFULL on STN
2002:126319 USPATFULL
Nucleic acid sequences encoding CMG proteins, CMG proteins, and methods
for their use
Davis, George E., College Station, TX, UNITED STATES
Bell, Scott E., Bryan, TX, UNITED STATES
The Texas A&M University System (U.S. corporation)
US 2002064831 A1 20020530
US 2001-975901 A1 20011012 (9)
US 2000-239772P 20001012 (60)
Utility
APPLICATION
IN.CNT 2145
INCL INCLM: 435/069.100
INCLS: 435/320.100; 435/325.000; 536/023.200; 435/456.000; 435/226.000
NCL NCLM: 435/069.100
NCLS: 435/320.100; 435/325.000; 536/023.200; 435/456.000; 435/226.000
[7]
ICM: C12N009-64
ICS: C12N015-861; C07H021-04
AS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 35 OF 45 USPATFULL on STN
2002:126317 USPATFULL
Human tumor necrosis factor delta and epsilon
Yu, Guo-Liang, Berkeley, CA, UNITED STATES
Ni, Jian, Germantown, MD, UNITED STATES
Gentz, Reiner L., Rockville, MD, UNITED STATES
Dillon, Patrick J., Carlsbad, CA, UNITED STATES
Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S.
corporation)
US 2002064829 A1 20020530
US 6541224 B2 20030401
US 2001-879919 A1 20010614 (9)
Continuation-in-part of Ser. No. US 1997-815783, filed on 12 Mar 1997,
PENDING
US 1996-16812P 19960314 (60)
US 2001-293499P 20010525 (60)
US 2001-277978P 20010323 (60)
US 2001-276248P 20010316 (60)
US 2000-254875P 20001213 (60)
US 2000-241952P 20001023 (60)
US 2000-211537P 20000615 (60)
Utility
APPLICATION
IN.CNT 13531
NCL INCLM: 435/069.100
INCLS: 435/325.000; 435/320.100; 530/351.000; 424/145.100; 530/388.230;
536/023.500
CL NCLM: 435/069.500
NCLS: 435/007.710; 435/069.100; 435/069.700; 435/070.100; 514/002.000;
514/012.000; 530/350.000; 530/351.000
[7]
ICM: A61K039-395
ICS: C07K014-525; C07K016-24; C07H021-04
AS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 36 OF 45 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
2003:55665 BIOSIS
PREV200300055665
Characterization of mammalian ***stanniocalcin*** receptors:
Mitochondrial targeting of ligand and receptor for regulation of cellular
metabolism.
McCudden, Christopher R.; James, Kathi A.; Hasilo, Craig; Wagner, Graham
F. [Reprint Author]
Dept. of Physiology, Faculty of Medicine and Dentistry, University of
Western Ontario, London, ON, N6A 5C1, Canada
graham.wagner@fmd.uwo.ca
Journal of Biological Chemistry, (November 22 2002) Vol. 277, No. 47, pp.
45249-45258. print.
CODEN: JBCHA3. ISSN: 0021-9258.
Article
English
Entered STN: 22 Jan 2003
Last Updated on STN: 22 Jan 2003

5 ANSWER 37 OF 45 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
N 2002:232951 BIOSIS
N PREV200200232951
I Prospect of a ***stanniocalcin*** endocrine/paracrine system in
mammals.
U Ishibashi, Kenichi [Reprint author]; Imai, Masashi
S Dept. of Pharmacology, Jichi Medical School, Minamikawachi, Tochigi,
329-0498, Japan
kishiba@jichi.ac.jp
O American Journal of Physiology, (March, 2002) Vol. 282, No. 3 Part 2, pp.
F367-F375. print.
CODEN: AJPHAP. ISSN: 0002-9513.
T Article
A General Review; (Literature Review)
D English
Entered STN: 3 Apr 2002
Last Updated on STN: 3 Apr 2002

5 ANSWER 38 OF 45 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN
N 2002:34654525 BIOTECHNO
I Prospect of a ***stanniocalcin*** endocrine/paracrine system in
mammals
U Ishibashi K.; Imai M.
S K. Ishibashi, Dept. of Pharmacology, Jichi Medical School, Minamikawachi,
Tochigi 329-0498, Japan.
E-mail: kishiba@jichi.ac.jp
O American Journal of Physiology - Renal Physiology, (2002), 282/3 51-3
(F367-F375), 54 reference(s)
CODEN: AJPPFK ISSN: 0363-6127
T Journal; General Review
Y United States
A English
L English

5 ANSWER 39 OF 45 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
N 2002:158003 SCISEARCH
A The Genuine Article (R) Number: 520JQ
I Prospect of a ***stanniocalcin*** endocrine/paracrine system in
mammals
U Ishibashi K (Reprint); Imai M
S Jichi Med Sch, Dept Pharmacol, Minami Kawachi, Tochigi 3290498, Japan
(Reprint)
YA Japan
O AMERICAN JOURNAL OF PHYSIOLOGY-RENAL PHYSIOLOGY, (MAR 2002) Vol. 282, No.
3, pp. F367-F375.
Publisher: AMER PHYSIOLOGICAL SOC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814
USA.
ISSN: 0363-6127.
T General Review; Journal
A English
EC Reference Count: 54
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

5 ANSWER 40 OF 45 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN
N 2001-10515 BIOTECHDS
I Novel composition useful for treating or protecting neural cells for
treating Addison's disease, organ rejection, hyperproliferative disorder,
cancer, AIDS, multiple sclerosis, comprises ***stanniocalcin***
polypeptide;
recombinant protein and antibody for use in diagnosis, therapy and
prognosis
U Olsen H S; Zhang K; Lindsberg P; Tatlisumak T; Kaste M; Andersson L C
A Hum.Genome-Sci.; Univ.Helsinki
O Rockville, MD, USA; Helsinki, Finland.
I WO 2001030969 3 May 2001
I WO 2000-US29432 20 oct 2000
RAI US 1999-161740 27 oct 1999
T Patent
A English
S WPI: 2001-308626 [32]

5 ANSWER 41 OF 45 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
N 2002:10614 BIOSIS
N PREV200200010614
I Post-natal ontogeny of ***stanniocalcin*** gene expression in rodent

kidney and regulation by dietary calcium and phosphate.

Deol, Harinder; Stasko, Sasha Elizabeth; De Niu, Ping; James, Kathi Ann;
Wagner, Graham Forsyth [Reprint author]
Department of Physiology, Faculty of Medicine and Dentistry, University of
Western Ontario, London, Ontario, N6A 5C1, Canada
graham.wagner@fmd.uwo.ca
Kidney International, (December, 2001) Vol. 60, No. 6, pp. 2142-2152.
print.

CODEN: KDYIA5. ISSN: 0085-2538.

Article

English

Entered STN: 28 Dec 2001

Last Updated on STN: 25 Feb 2002

ANSWER 42 OF 45 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
2001:460878 BIOSIS
PREV200100460878

Transcriptional response to ***hypoxia*** in human tumors.

Lal, Anita; Peters, Hans; St. Croix, Brad; Haroon, Zishan A.; Dewhirst,
Mark W.; Strausberg, Robert L.; Kaanders, Johannes H. A. M.; van der
Kogel, Albert J.; Riggins, Gregory J. [Reprint author]
Cancer Genomics Laboratory, Duke University Medical Center, Durham, NC,
27710, USA

greg.riggins@duke.edu

Journal of the National Cancer Institute (Bethesda), (September 5, 2001)
Vol. 93, No. 17, pp. 1337-1343. print.

CODEN: JNCIEQ. ISSN: 0027-8874.

Article

English

Entered STN: 26 Sep 2001

Last Updated on STN: 22 Feb 2002

ANSWER 43 OF 45 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
2001:51305 BIOSIS
PREV200100051305

stanniocalcin gene expression during mouse urogenital
development: A possible role in mesenchymal-epithelial signalling.

Stasko, Sasha E.; Wagner, Graham F. [Reprint author]
Department of Physiology, Faculty of Medicine and Dentistry, University of
Western Ontario, London, ON, N6A 5C1, Canada
graham.wagner@med.uwo.ca

Developmental Dynamics, (January, 2001) Vol. 220, No. 1, pp. 49-59. print.

CODEN: DEDYEI. ISSN: 1058-8388.

Article

English

Entered STN: 24 Jan 2001

Last Updated on STN: 12 Feb 2002

ANSWER 44 OF 45 AQUASCI COPYRIGHT 2004 FAO (On behalf of the ASFA
Advisory Board). All rights reserved. on STN
2000:26770 AQUASCI
ASFA1 2000 30-18456

Stanniocalcin : A molecular guard of neurons during cerebral
ischemia

Zhang, K.; Lindsberg, P.J.; Tatlisumak, T.; Kaste, M.; Olsen, H.S.;
Andersson, L.C.

Department of Pathology, Haartman Institute, University of Helsinki,
FIN-00014, Helsinki, Finland); E-mail: leif.andersson@helsinki.f
Proceedings of the National Academy of Sciences, USA [Proc. Natl. Acad.
Sci. USA], (20000328) vol. 97, no. 7, pp. 3637-3642.
ISSN: 0027-8424.

Journal

ASFA1

English

English

ANSWER 45 OF 45 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
2000:524588 BIOSIS
PREV200000524588

Singular contributions of fish neuroendocrinology to mammalian regulatory
peptide research.

Conlon, J. Michael [Reprint author]

Regulatory Peptide Center, Department of Biomedical Sciences, Creighton
University Medical School, Omaha, NE, 68178-0405: jmconlon@creighton.edu,
USA

Regulatory Peptides, (25 September, 2000) Vol. 93, No. 1-3, pp. 3-12.

print.

CODEN: REPPDY. ISSN: 0167-0115.

DT Article

Editorial

LA English

ED Entered STN: 6 Dec 2000

Last Updated on STN: 11 Jan 2002

STN INTERNATIONAL LOGOFF AT 15:05:49 ON 03 AUG 2004